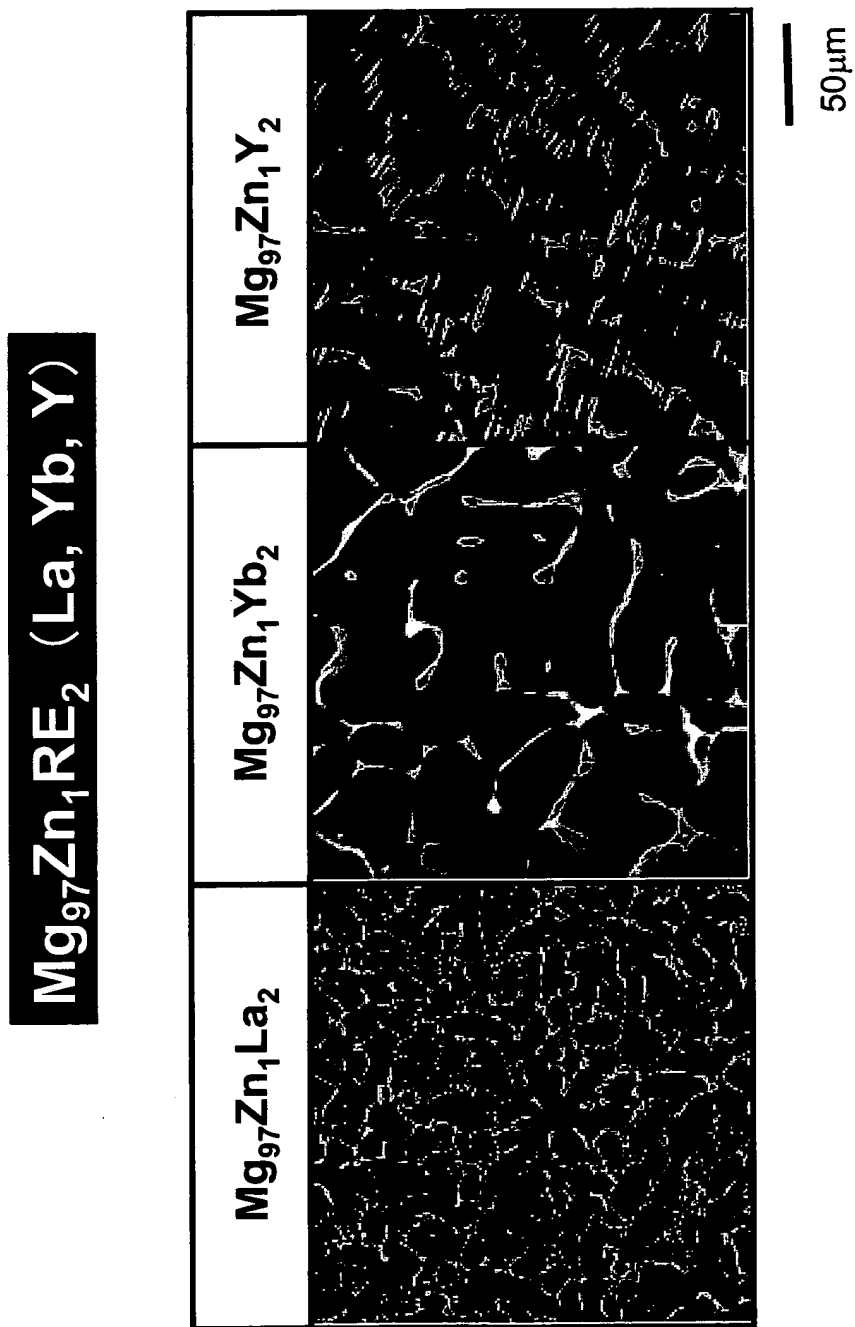
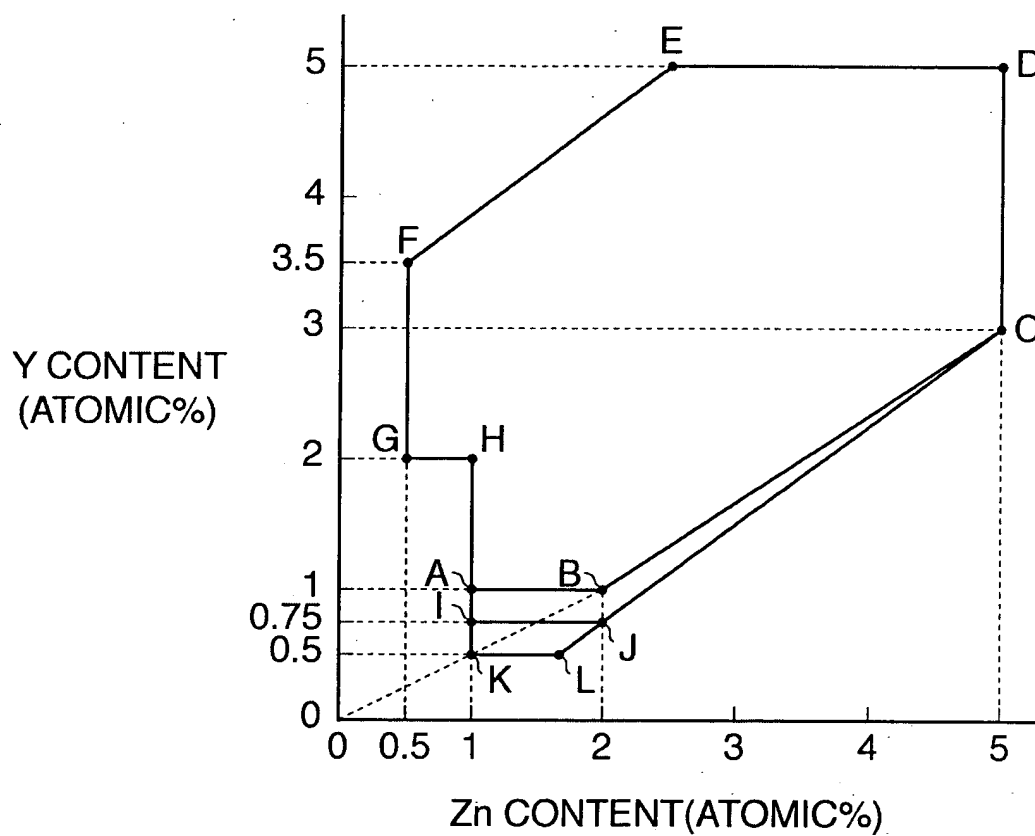


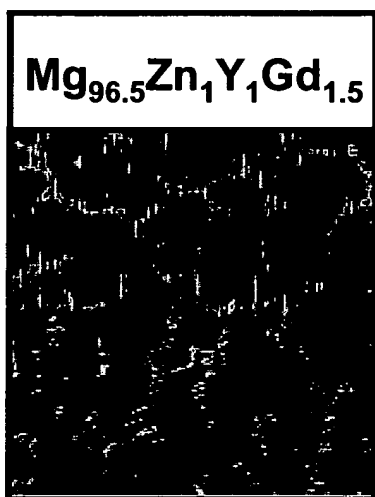
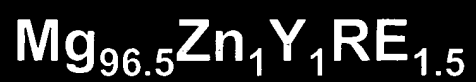
1/13

FIG. 1

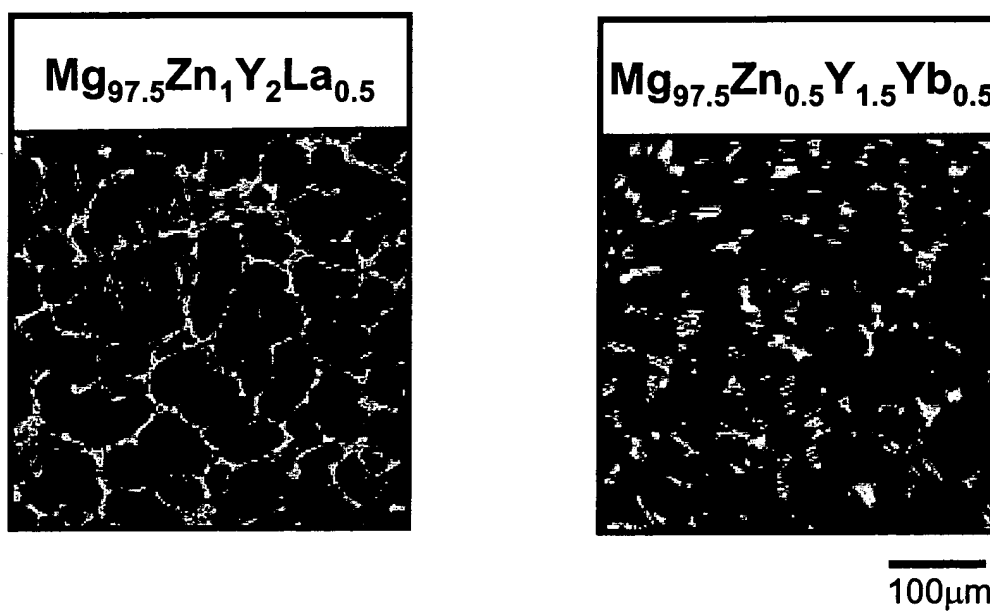
2/13

FIG. 2

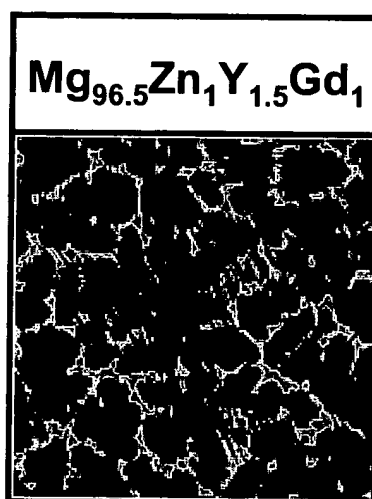
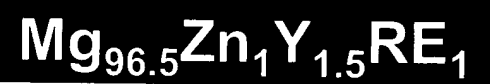
3/13

FIG. 3

4/13

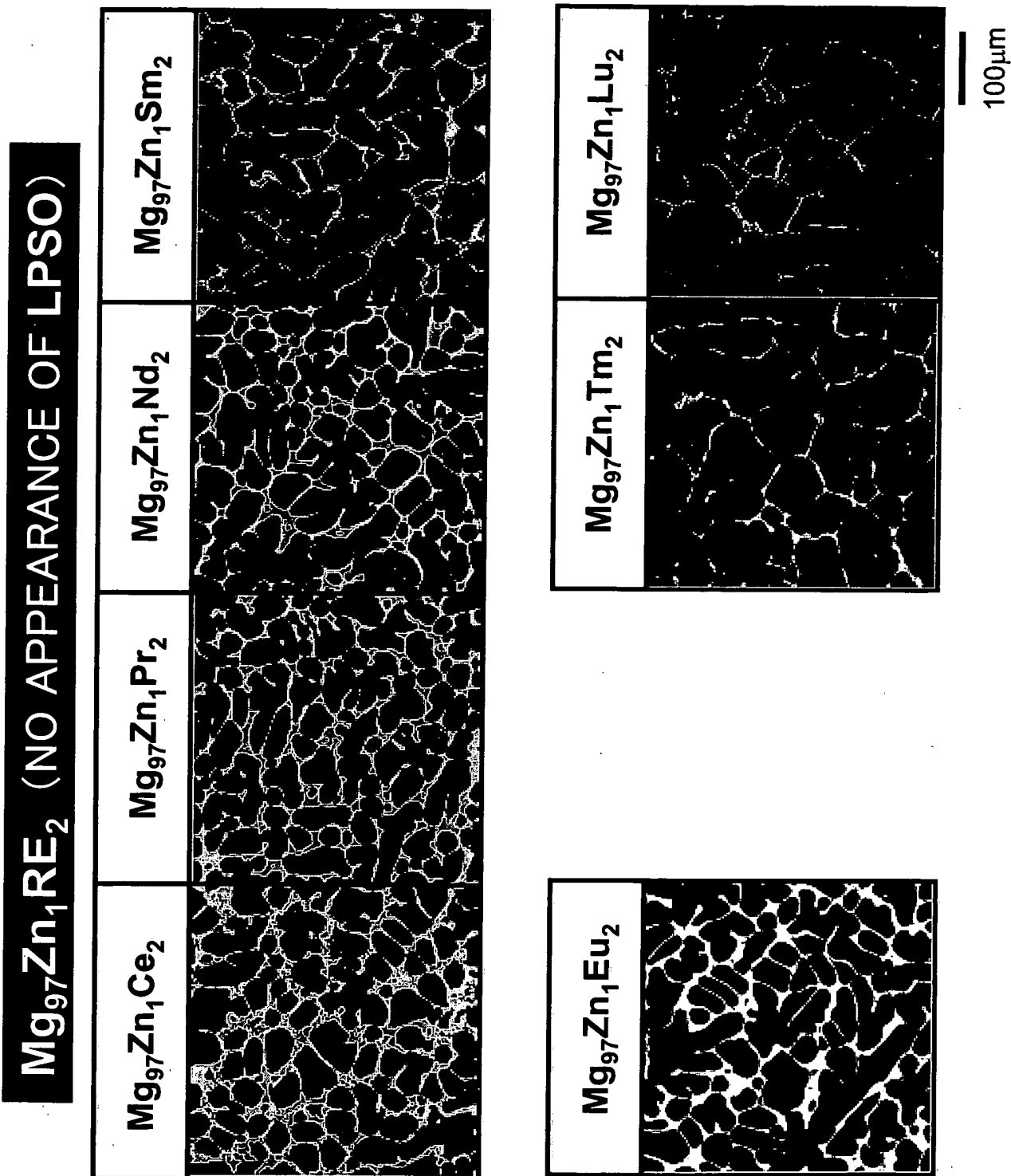
*FIG. 4***Mg-Zn-Y-RE(La, Yb)**

5/13

FIG. 5

6/13

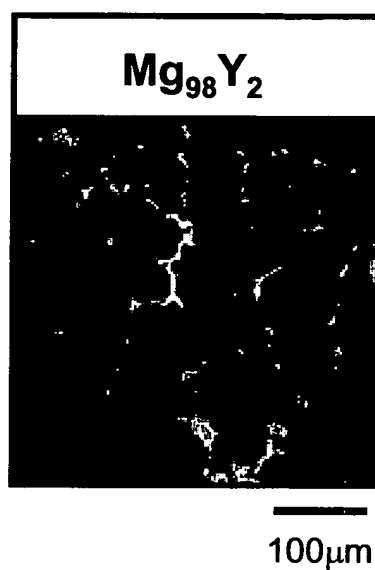
FIG. 6



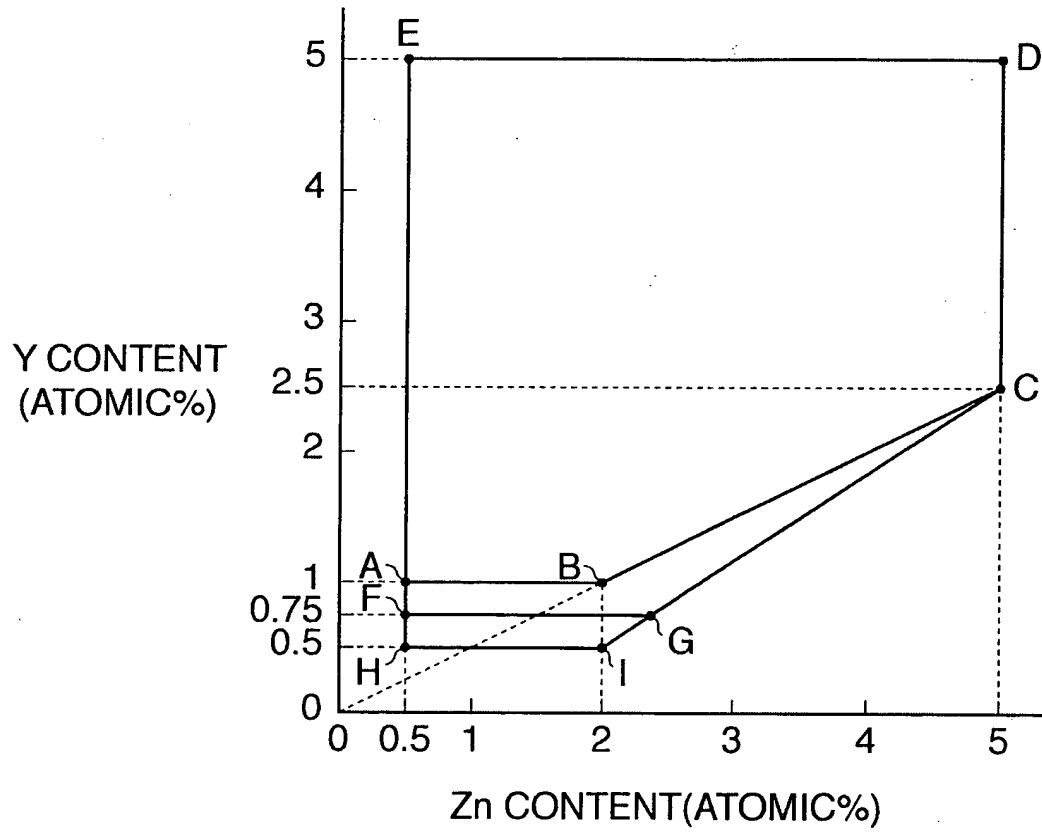
7/13

FIG. 7

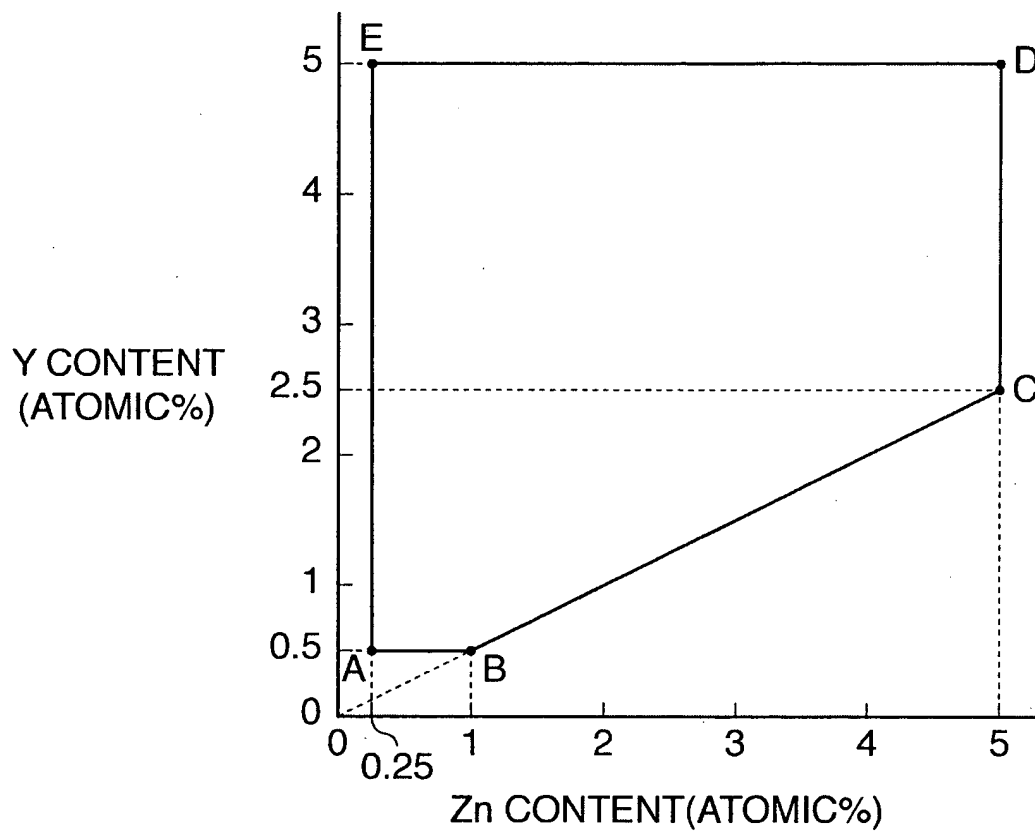
REFERENCE
(Mg-Y binary alloy)



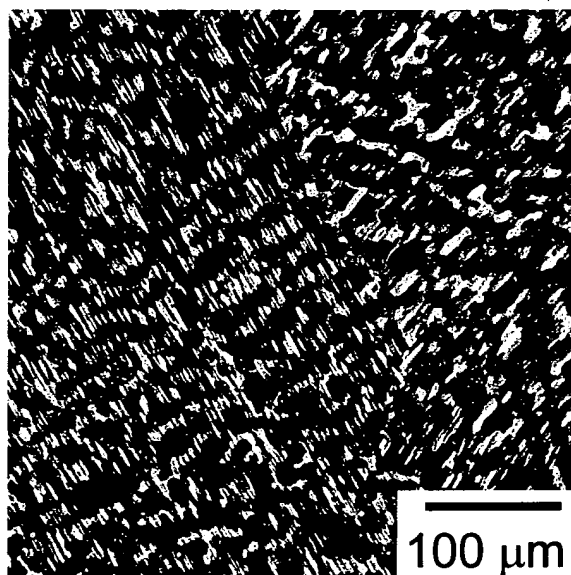
8/13

FIG. 8

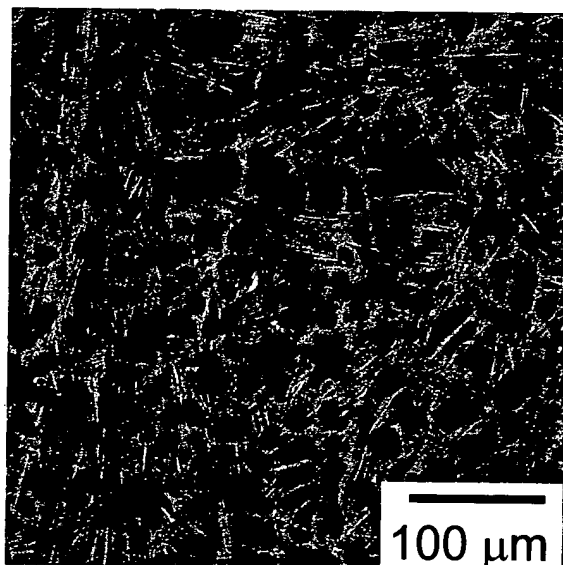
9/13

FIG. 9

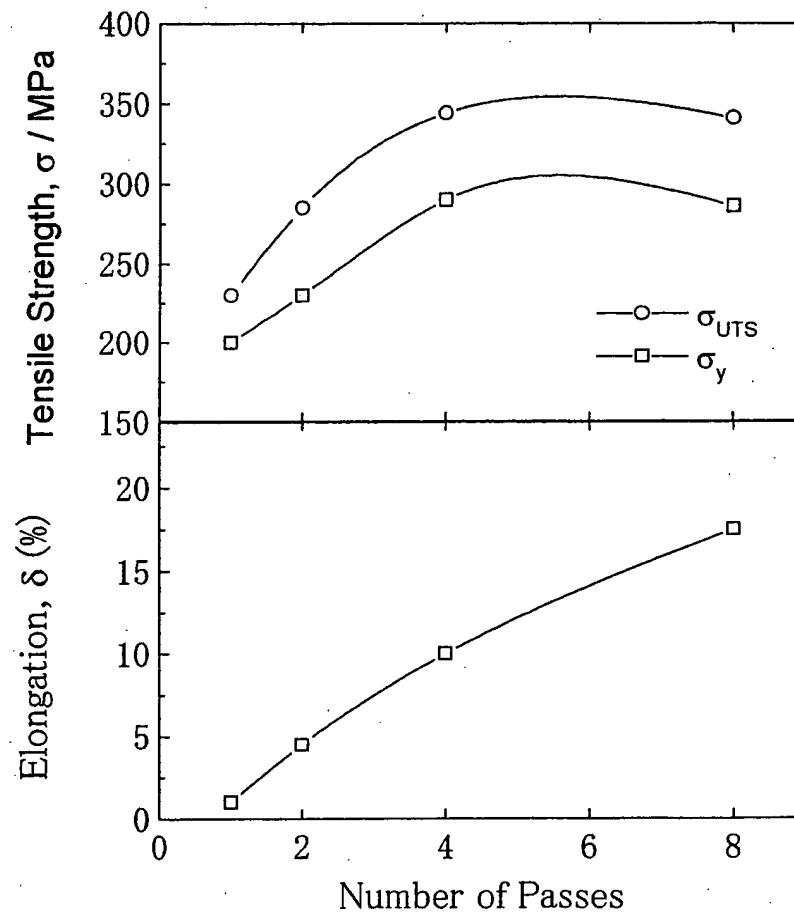
10/13

*FIG. 10***Mg₉₆Zn₁Y₃ as-cast**

11/13

*FIG. 11***Mg_{93.5}Zn₃Y_{3.5} as-cast**

12/13

FIG. 12**ECAE at 648 K**

13/13

FIG. 13